

Amendments to the Specification:

- On page 32, replace the paragraph at lines 8-10 with the following replacement paragraph:

--Figure 13 shows a graphic representation of the relative band intensities ~~form~~ from Figure 12. The numerical values are generated by dividing the intensity value of the ddTTP band into the intensity value for the Fluroescein-12-ddUTP bands.--

- On page 32, replace the paragraph at lines 11-13 with the following replacement paragraph:

--Figure 14 shows the sequence alignment of dye-dideoxynucleotide selected JDF-3 mutants (amino acids 301-480). ~~Nucleic acid residues highlighted by white boxes indication the location of a mutation.~~ Underlined nucleic acid residues indicate the location of mutations. The mutation S345P is one of two mutations present in mutant 28. --

- On page 32, replace the paragraph at lines 14-16 with the following replacement paragraph:

--Figure 15 shows the sequence alignment of dye-dideoxynucleotide selected JDF-3 (amino acids 481-660). ~~Nucleic acid residues highlighted by white boxes indication the location of a mutation.~~ Underlined nucleic acid residues indicate the location of mutations. --